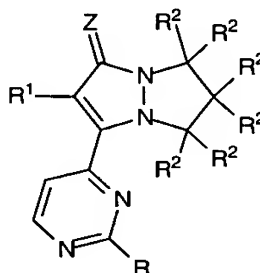


ABSTRACT OF THE INVENTION

6,7-DIHYDRO-5H-PYRAZOLO[1,2-a]PYRAZOL-1-ONES WHICH PROVIDE ANALGESIA

The present invention relates to compound which are capable of preventing the extracellular release of inflammatory cytokines, said compounds, including all enantiomeric and diastereomeric forms and pharmaceutically acceptable salts thereof, have the formula:



wherein R comprises ethers or amines;

R¹ is:

- a) substituted or unsubstituted aryl; or
- b) substituted or unsubstituted heteroaryl;

each R² unit is independently selected from the group consisting of:

- a) hydrogen;
- b) $-(CH_2)_jO(CH_2)_nR^8$;
- c) $-(CH_2)_jNR^{9a}R^{9b}$;
- d) $-(CH_2)_jCO_2R^{10}$;
- e) $-(CH_2)_jOCO_2R^{10}$;
- f) $-(CH_2)_jCON(R^{10})_2$;
- g) $-(CH_2)_jOCON(R^{10})_2$;
- h) two R² units can be taken together to form a carbonyl unit;
- i) and mixtures thereof;

R⁸, R^{9a}, R^{9b}, and R¹⁰ are each independently hydrogen, C₁-C₄ alkyl, and mixtures thereof; R^{9a} and R^{9b} can be taken together to form a carbocyclic or heterocyclic ring comprising from 3 to 7 atoms;

two R¹⁰ units can be take together to form a carbocyclic or heterocyclic ring comprising from 3 to 7 atoms; j is an index from 0 to 5, n is an index from 0 to 5;

Z is O, S, NR¹¹, or NOR¹¹; R¹¹ is hydrogen or C₁-C₄ alkyl.